

What is claimed is:

1. A performance information reproducing apparatus comprising:

5 a file storage device that stores a musical tone data file, in which musical tone information is recorded, and at least one media data file, in which at least one other type of media information is recorded, together with a management file in which reading manners of the  
10 musical tone data file and the media data files are recorded; and

a reproduction data generating device that generates, based on the musical tone data file and the management file, reproduction data that designates the musical tone  
15 information and the media data file to be reproduced, using designation information in a same format as the musical tone information.

2. A performance information reproducing apparatus according to claim 1, wherein said file storage device  
20 stores a plurality of media data files, in which a plurality of types of media information are recorded, respectively.

3. A performance information reproducing apparatus according to claim 2, wherein the plurality of media data  
25 files, in which the plurality of types of media information are recorded, respectively, comprise an audio data file, and a video data file.

4. A performance information reproducing apparatus according to claim 1, wherein the management file  
30 comprises file names of the media data file, and pieces of timing data indicative of timing of start of reproduction of the media data file, the file names and the pieces of timing data being arranged in order of reproduction.

35 5. A performance information reproducing apparatus

according to claim 4, wherein the musical tone data file comprises MIDI events, and pieces of timing data indicative of MIDI clock timing of start of processing the MIDI event, the MIDI events and the pieces of timing data being arranged in order of reproduction.

6. A performance information reproducing apparatus according to claim 5, wherein the reproduction data comprises file names of the media data file, and pieces of timing data indicative of MIDI clock timing of start of reproduction of the media data file, the file names and the pieces of timing data being arranged in order of reproduction.

7. A performance information reproducing apparatus according to claim 6, wherein the timing data indicative of MIDI clock timing of start of reproduction of the media data file is generated from data indicative of timing recorded in the management file.

8. A performance information reproducing apparatus comprising:  
 a file storage device that stores a musical tone data file, in which musical tone information is recorded, and at least one media data file, in which at least one other type of media information is recorded, together with a management file in which reading manners of the musical tone data file and the media data files are recorded;

a reproduction data generating device that generates, based on the musical tone data file and the management file, reproduction data that designates the musical tone information and the media data file to be reproduced, using designation information in a same format as the musical tone information;

a reproduction data storage device that stores the generated reproduction data;

a reading device that reads the reproduction data

from said reproduction storage device in accordance with reproduction clock for the musical tone information; and

a reproducing device that reads the media data file designated by the read reproduction data, and reproduces  
 5 the musical tone information in the reproduction data and the media information in the media data file in synchronism with each other.

9. A performance information reproducing apparatus according to claim 8, wherein said file storage device  
 10 stores a plurality of media data files, in which a plurality of types of media information are recorded, respectively.

10. A performance information reproducing apparatus according to claim 9, wherein the plurality of media data  
 15 files, in which the plurality of types of media information are recorded, respectively, comprise an audio data file, and a video data file.

11. A performance information reproducing apparatus according to claim 9, wherein the management file  
 20 comprises file names of the media data file, and pieces of timing data indicative of timing of start of reproduction of the media data file, the file names and the pieces of timing data being arranged in order of reproduction.

25 12. A performance information reproducing apparatus according to claim 11, wherein the musical tone data file comprises MIDI events, and pieces of timing data indicative of MIDI clock timing of start of processing the MIDI event, the MIDI events and the pieces of timing  
 30 data being arranged in order of reproduction.

13. A performance information reproducing apparatus according to claim 12, wherein the reproduction data  
 comprises file names of the media data file, and pieces of timing data indicative of MIDI clock timing of start  
 35 of reproduction of the media data file, the file names

and the pieces of timing data being arranged in order of reproduction.

14. A performance information reproducing apparatus according to claim 13, wherein the timing data indicative  
5 of MIDI clock timing of start of reproduction of the media data file is generated from data indicative of timing recorded in the management file.

15. A performance information reproducing apparatus according to claim 14, wherein the reproduction clock for  
10 the musical tone information is MIDI clock, and wherein whenever timing corresponding to the timing data indicative of MIDI clock timing of start of reproduction of the media data file is reached, the media data file having the file name corresponding to the MIDI clock  
15 timing is read from said file storage device.

16. A performance information reproducing method for a performance information reproducing apparatus, comprising:

20 a file storage step of storing a musical tone data file, in which musical tone information is recorded, and at least one media data file, in which at least one other type of media information is recorded, together with a management file in which reading manners of the musical tone data file and the media data files are recorded; and

25 a reproduction data generating step of generating, based on the musical tone data file and the management file, reproduction data that designates the musical tone information and the media data file to be reproduced, using designation information in a same format as the  
30 musical tone information.

17. A performance information reproducing method for a performance information reproducing apparatus, comprising:

35 a file storage step of storing in a file storage device a musical tone data file, in which musical tone

information is recorded, and at least one media data file,  
in which at least one other type of media information is  
recorded, together with a management file in which  
reading manners of the musical tone data file and the  
5 media data files are recorded;

a reproduction data generating step of generating,  
based on the musical tone data file and the management  
file, reproduction data that designates the musical tone  
information and the media data file to be reproduced,  
10 using designation information in a same format as the  
musical tone information;

a reproduction data storing step of storing the  
generated reproduction data in a reproduction storage  
device;

15 a reading step of reading the reproduction data from  
the reproduction storage device in accordance with  
reproduction clock for the musical tone information; and

a reproducing step of reading the media data file  
designated by the read reproduction data, and reproducing  
20 the musical tone information in the reproduction data and  
the media information in the media data file in  
synchronism with each other.

18. A performance information reproducing program  
executed by a computer, comprising:

25 a file storage module for storing in a file storage  
device a musical tone data file, in which musical tone  
information is recorded, and at least one media data file,  
in which at least one other type of media information is  
recorded, together with a management file in which  
30 reading manners of the musical tone data file and the  
media data files are recorded;

a reproduction data generating module for generating,  
based on the musical tone data file and the management  
file, reproduction data that designates the musical tone  
35 information and the media data file to be reproduced,

using designation information in a same format as the musical tone information;

a reproduction data storing module for storing the generated reproduction data in a reproduction storage device; and

a reading module for reading the reproduction data from the reproduction storage device.

19. A performance information reproducing program executed by a computer, comprising:

a file storage module for storing in a file storage device a musical tone data file, in which musical tone information is recorded, and at least one media data file, in which at least one other type of media information is recorded, together with a management file in which reading manners of the musical tone data file and the media data files are recorded;

a reproduction data generating module for generating, based on the musical tone data file and the management file, reproduction data that designates the musical tone information and the media data file to be reproduced, using designation information in a same format as the musical tone information;

a reproduction data storing module for storing the generated reproduction data in a reproduction storage device;

a reading module for reading the reproduction data from the reproduction storage device in accordance with reproduction clock for the musical tone information; and

a reproducing module for reading the media data file designated by the read reproduction data, and reproducing the musical tone information in the reproduction data and the media information in the media data file in synchronism with each other.